

**ABTECH**

**ACADEMY**



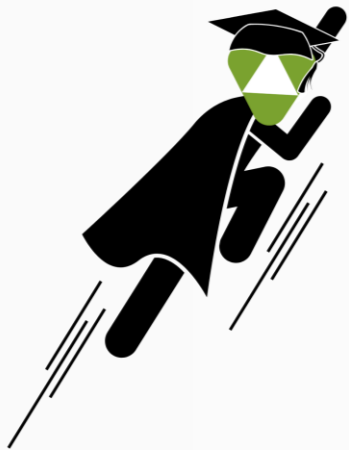


# ICG160 - ICG160T - ICG60 Update


# 1- Checking and loading a licence key

## Step 1

Ensure that the software maintenance end date allows the new firmware to be installed. To do this, the instrument's software maintenance end date must cover the software maintenance date for installation. In this example, on MyWorld, the end of instrument maintenance (April 30<sup>th</sup>, 2025) covers the software maintenance date for installation (August 29<sup>th</sup>, 2024) because it comes after it. Installation can therefore proceed. If this is not the case, a PCC can be purchased (contact us).





**General**

	Product	iCG160 T Smart Antenna LTE&Radio Value	Article No.	954205
	My Reference		Equipment No.	3C...
	Serial No.	38...	Language	English
	Version			
	SW Maint. End	30.04.2025		

**Software**

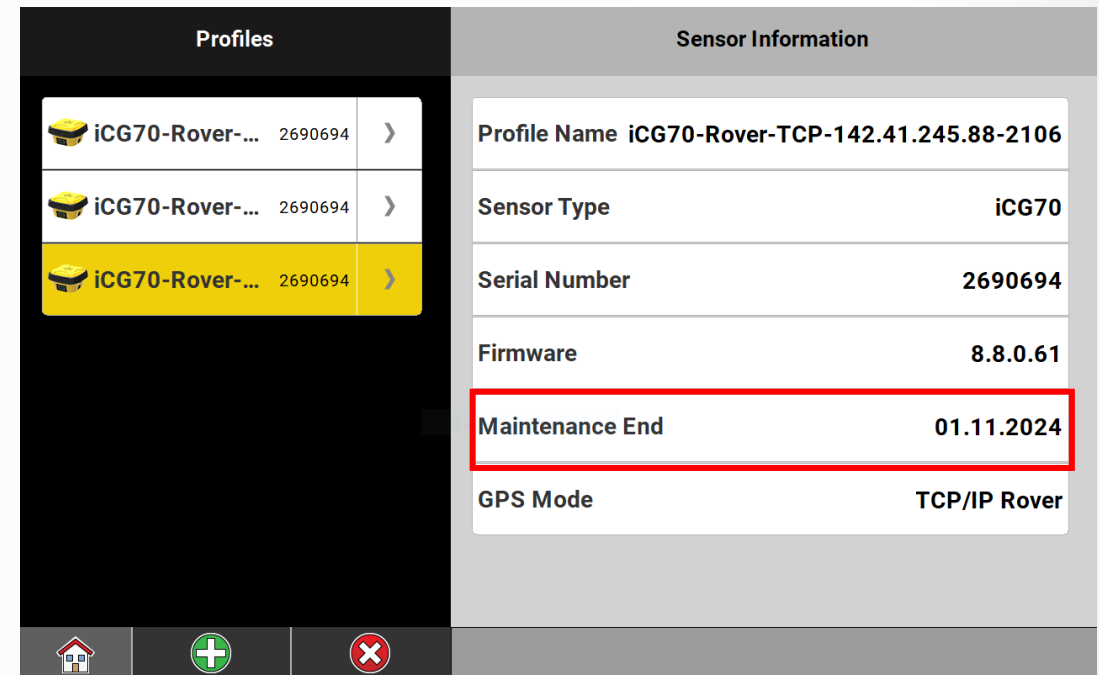
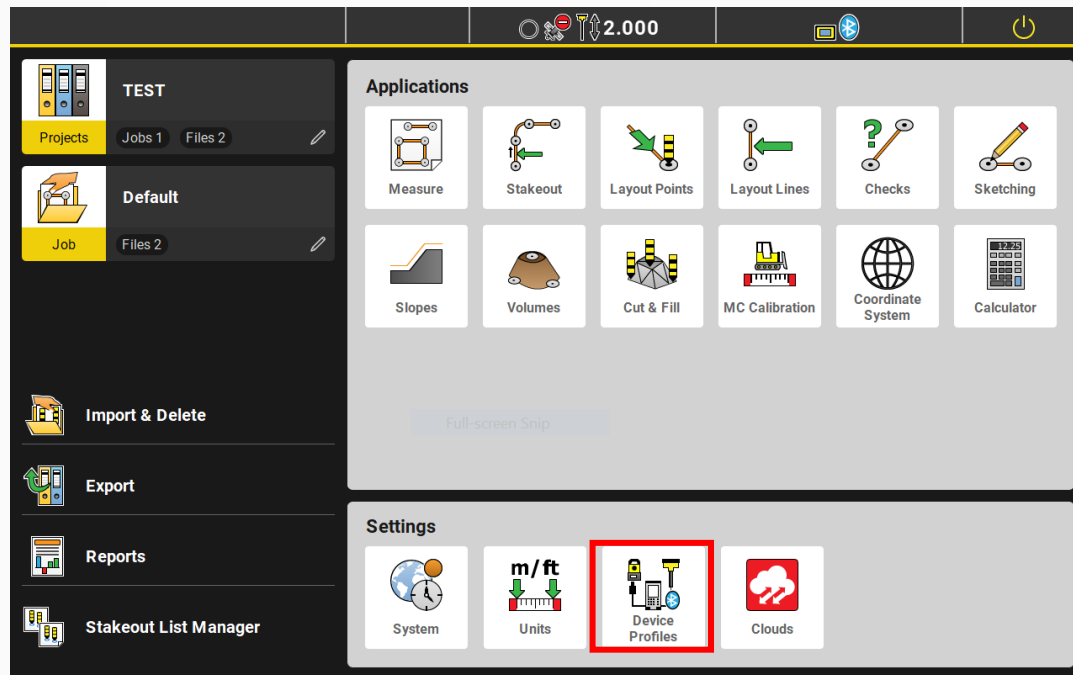
Release No. 3.1.50 Sort by Defined Order

	iCON gps 160 Firmware	V3.1.50	Download
	Important software that covers the main functions of the instrument. Firmware is also referred to as system software.	120.84 MB	
	SW Maint. Date for Installation: 29.08.2024	FW	
		21.11.2024	
	iCON gps 160 Release Notes	V3.1.50	Download
	Important information about specific product releases (hardware and/or software)	227 KB	
		PDF	
		21.11.2024	

# 1- Checking and loading a licence key

It is also possible to check the end of maintenance date of the software loaded in the instrument from the following path: Device Profiles / Maintenance End

**If the software maintenance end date allows the new firmware to be installed, go on to step 2.**



# 1- Checking and loading a licence key

Leica has release multiple versions for each major version. The latest version is highly recommended and will show improved RTK fix performance but any of these following version will resolve the tilt IMU issue.


Version	CCP end date required
Version 3.1.50	29.08.2024


# 1- Checking and loading a licence key

To install a license key in the ICG160/ICG160T/ICG60, download the file from MyWorld or request the file from technical support.

[Download Keys](#) [Calibration Certificate](#)

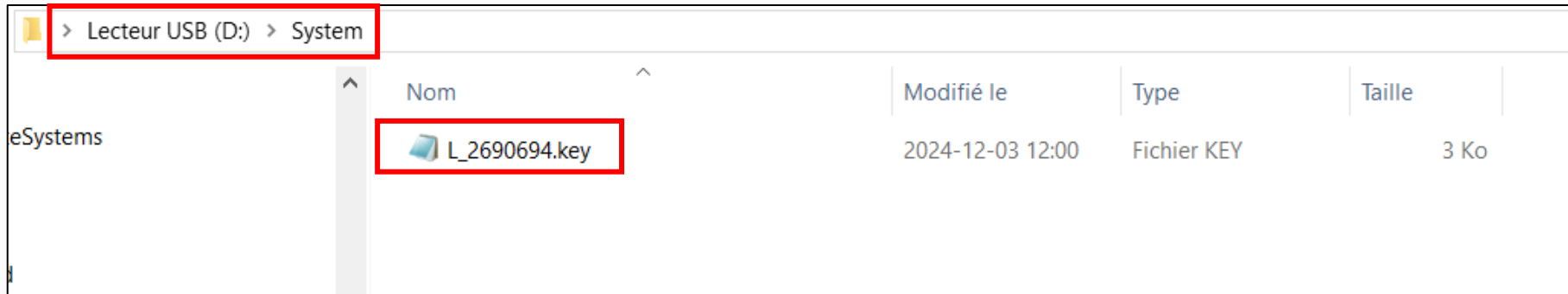
### General



Product	iCG160 T Smart Antenna LTE&Radio Value	Article No.	954205
My Reference	<input type="text"/> Save	Delivery Date	24.05.2023
Serial No.	38	Equipment No.	30
Warranty Start	24.05.2023  Save	Warranty End	23.05.2024

# 1- Checking and loading a licence key

Put the file in a folder called System on a USB stick, then insert the USB stick into the ICG's USB port.



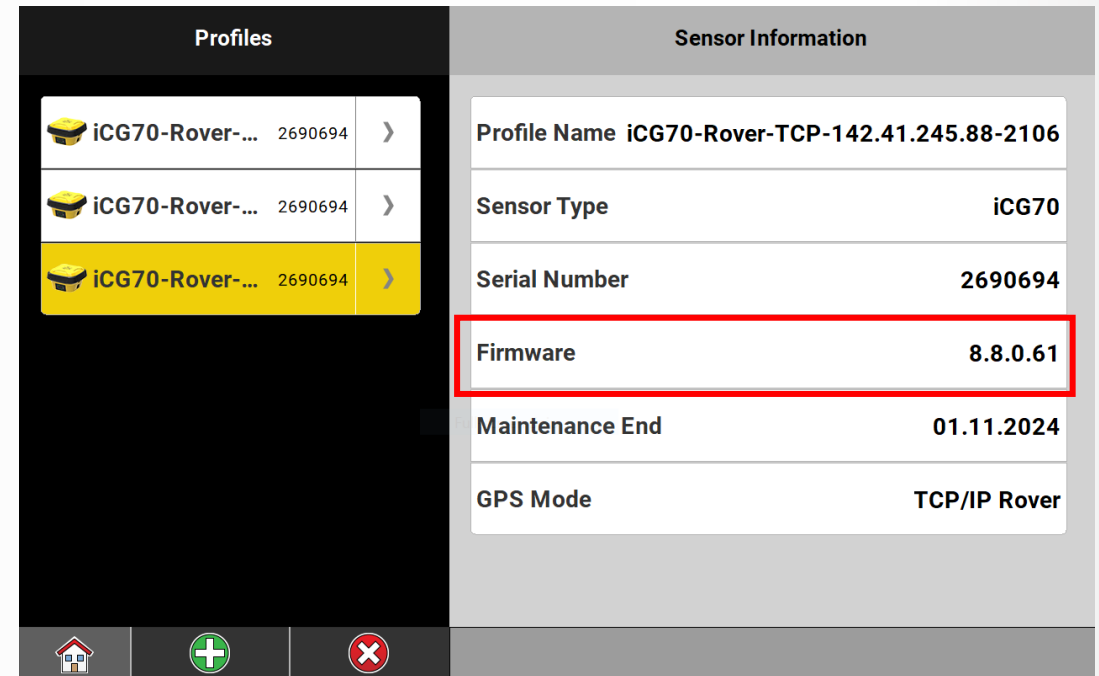
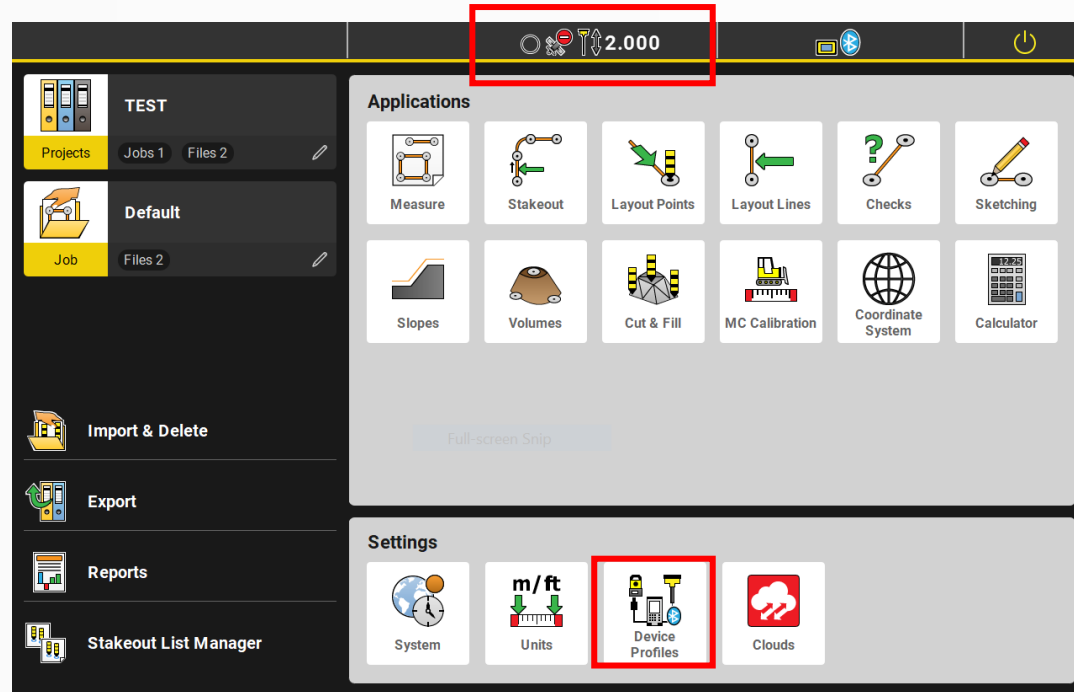
From the ICG screen, go to:  
Gear/Tools/Licenses(2nd page)/Upload license file/Continue  
License will be updated.



# 2- GNSS firmware update

## Step 2

Check the current version of the ICG. After connecting the controller to the ICG, go to Device Profiles / Firmware





# 2- GNSS firmware update

Download the firmware versions required for the update from MyWorld or ask technical support. **It may be necessary to install several updates.** Do not skip any major version.

Required version	Solution	CCP end date required
Version 3.1.50	<a href="#">iCG160_3.1.50.fw</a>	29.08.2024



# 2- GNSS firmware update

Put the file(s) in a folder called System on the USB stick, then insert the USB stick into the ICG's USB port.



Ensure that the ICG battery is at least 75% charged.



## 2- GNSS firmware update

From the ICG screen, go to:

Gear/System Configuration/Upload Firmware/Select version to install/Press Install.

The ICG will perform the installation and then restart itself. Perform the following updates, one after the other.





# Thank you

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